

- What is claimed is:
 1. A data gathering/data processing device for video/audio signals which includes a plurality of signal processors (14), wherein the signal processors (14) or a subset of the signal processors (14) are coupled to a network (28) having a star-shaped topology.
 2. The data gathering/data processing device for video/audio signals as recited in Claim 1,
wherein the signal processors (14) or a subset of the signal processors (14) are linked via the network (28) having a star-shaped topology.
 3. The data gathering/data processing device for video/audio signals as recited in Claim 1 or 2,
wherein the network (28) is integrated into the device.
 4. The data gathering/data processing device for video/audio signals as recited in one of the preceding claims,
wherein the network (28) forms a backbone for the device.
 5. The data gathering/data processing device for video/audio signals as recited in one of the preceding claims,
wherein the network (28) is designed according to the Ethernet standard.
 6. The data gathering/data processing device for video/audio signals as recited in one of the preceding claims,
wherein the data traffic on the network (28) proceeds according to the Ethernet standard.
 7. The data gathering/data processing device for video/audio signals as recited in one of the preceding claims,
wherein a hub, switch (30) or port for the network (28) is integrated into a housing (12) which accommodates the signal processors (14).

- 8. The data gathering/data processing device for video/audio signals as recited in one of the preceding claims,
wherein a hub, switch (30) or port for the network (28) is situated externally with respect to the housing (12) which accommodates the signal processors.
- 9. The data gathering/data processing device for video/audio signals as recited in one of the preceding claims,
wherein at least one connection (16) is provided for injecting video/audio signals.
- 10. The data gathering/data processing device for video/audio signals as recited in Claim 9,
wherein at least two signal processors (22a, 22b; 26a, 26b) are assigned to one or more connections (18a; 18c).
- 11. The data gathering/data processing device for video/audio signals as recited in one of the preceding claims,
wherein at least one connection (34) is provided for the transmission of data to a digital net.
- 12. The data gathering/data processing device for video/audio signals as recited in Claim 12,
wherein the connection (34) is coupled to the network (28) of the device.
- 13. The data gathering/data processing device for video/audio signals as recited in Claim 11 or 12,
wherein the connection (34) is coupled to a hub, switch (30) or port of the network (28) of the device.